



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4135

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***900PCB-19***

Sample Type: ***Debris***

Description: *~2.5 ft of plastic coated wire was collected from RWB-1 @ 12.5 ft into zip lock bag and sealed*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 20, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
Trace PCB detected			64% of decachlorobiphenyl recovered.

**Sample Number: 900PCB-19**

Significant matrix interferences inhibits quantitation of Aroclor using electron capture detector, PCB was confirmed as present using GC-MS-MS. Detection limit 0.06 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 03:14:59

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 900PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4137

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font*.)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***902PCB-19***

Sample Type: ***Debris***

Description: *~8" piece of caulk was collected from RWB-1 @ 20 ft into ziplock bag and sealed.*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 20, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 2.8	ug/g	47% of decachlorobiphenyl recovered.

**Sample Number: 902PCB-19**

Detection limit 0.17 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 04:20:09

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 902PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4141

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***906PCB-19***

Sample Type: ***Debris***

Description: *~1 ft of plastic coated wire from RWB-4 @ 5 ft into ziplock bag and sealed.*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 20, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 1.2	ug/g	85% of decachlorobiphenyl recovered.

**Sample Number: 906PCB-19**

Matrix interferes with quantitation of Aroclor using electron capture detector. Detection limit 0.24 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank.  
Analyzed: 30-Nov-19, 07:27:35

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**  
Head, Department of Analytical Chemistry  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 906PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4142

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***907PCB-19***

Sample Type: ***Debris***

Description: ***~4" x 8" piece of material debris from RWB-4 @ 17 ft into ziplock bag and sealed.***

***Site: Town of Fairfield Reclamation Yard***

***1 Richard White Way, Fairfield***

***CT***

***Date Collected: November 20, 2019***

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 3.2	ug/g	41% of decachlorobiphenyl recovered.

**Sample Number: 907PCB-19**

Detection limit 0.11 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 05:25:21

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry  
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issued date is next to signature)**

Signature indicates end of sample 907PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4156

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font*.)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***910PCB-19***

Sample Type: ***Debris***

Description: *~10" piece of rubber from RWB-7 @ 9 ft into ziploc bag and sealed*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 21, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 2.8	ug/g	102% of decachlorobiphenyl recovered.

**Sample Number: 910PCB-19**

Sample appears to contain a mixture of PCB 1254 and 1260. Detection limit 0.13 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 06:30:23

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 910PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4158

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***912PCB-19***

Sample Type: ***Debris***

Description: *~1 ft x 1" of material RWB-9 @ 4 ft into ziploc bag and sealed*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 21, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 5.1	ug/g	83% of decachlorobiphenyl recovered.

**Sample Number: 912PCB-19**

Detection limit 0.58 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 09:45:39

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 912PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4163

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***917PCB-19***

Sample Type: ***Debris***

Description: ***3" of debris from RWB-9 @ 17 ft into ziploc bag and sealed***

***Site: Town of Fairfield Reclamation Yard***

***1 Richard White Way, Fairfield***

***CT***

***Date Collected: November 21, 2019***

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 32	ug/g	308% of decachlorobiphenyl recovered.

**Sample Number: 917PCB-19**

Sample appears to contain a mixture of PCB 1242, PCB 1254 and PCB 1260 as well as decachlorobiphenyl. Detection limit 0.11 ug/g in amount of sample analyzed.

Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 13:01:10

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
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Signature indicates end of sample 917PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4165

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font*.)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***919PCB-19***

Sample Type: ***Debris***

Description: *~1 ft of plastic coated wire from RWB-9 @ 20 ft into ziploc bag and sealed*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 21, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 230	ug/g	335% of decachlorobiphenyl recovered.

**Sample Number: 919PCB-19**

Sample appears to contain a mixture of PCB 1254, PCB 1242 and decachlorobiphenyl. Detection limit 0.95 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 11:55:58

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
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Signature indicates end of sample 919PCB-19 report.





# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4166

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font*.)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***920PCB-19***

Sample Type: ***Debris***

Description: ***~6" piece of concrete from RWB-10 @ 4 ft into ziploc bag and sealed***

***Site: Town of Fairfield Reclamation Yard***

***1 Richard White Way, Fairfield***

***CT***

***Date Collected: November 21, 2019***

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	=	5.8	102% of decachlorobiphenyl recovered.

**Sample Number: 920PCB-19**

Detection limit 0.93 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 18-Dec-19, 03:48:20

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 920PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4168

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font*.)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***922PCB-19***

Sample Type: ***Debris***

Description: ***~8" piece of rubber from RWB-10 @ 8 ft into ziploc bag and sealed***

***Site: Town of Fairfield Reclamation Yard***

***1 Richard White Way, Fairfield***

***CT***

***Date Collected: November 21, 2019***

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	= 5.2	ug/g	87% of decachlorobiphenyl recovered.

**Sample Number: 922PCB-19**

Detection limit 0.28 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 24-Dec-19, 10:50:49

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**

**Head, Department of Analytical Chemistry**  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 922PCB-19 report.



# The Connecticut Agricultural Experiment Station

## Title: Test Report#19.4169

Department of Analytical Chemistry

123 Huntington Street

New Haven, Connecticut 06511

(Data provided by customer are indicated in *Italic font.*)

Final Report to: ***Department of Energy and Environmental Protection***

Agency Division: ***PCB Program; 79 Elm Street Hartford, CT 06106***

Sample was delivered by : *Janet Kwiatkowski*

Sample Received : 22-Nov-19

Analysis Completed : 26-Dec-19

Sample Number: ***923PCB-19***

Sample Type: ***Debris***

Description: *~6" wire cord with white plastic prong from RWB-10 @ 12 ft into ziploc bag and sealed*

*Site: Town of Fairfield Reclamation Yard*

*1 Richard White Way, Fairfield*

*CT*

*Date Collected: November 21, 2019*

Analysis Requirement : ***PCB***

Test Method: 3540C, 3620, 8082A

### Results:

Analyte Found	Amount	Unit	Comment
PCB 1254	=	0.26	71% of decachlorobiphenyl recovered.

**Sample Number: 923PCB-19**

Detection limit 0.06 ug/g in amount of sample analyzed. Laboratory blank: soxhlet blank. Analyzed: 18-Dec-19, 07:03:49

The results listed in this report pertain only to the samples as provided to the lab by the customer.

**Jason C. White**  
Head, Department of Analytical Chemistry  
(Report is not valid unless signed, and report issued date is next to signature)

Signature indicates end of sample 923PCB-19 report.